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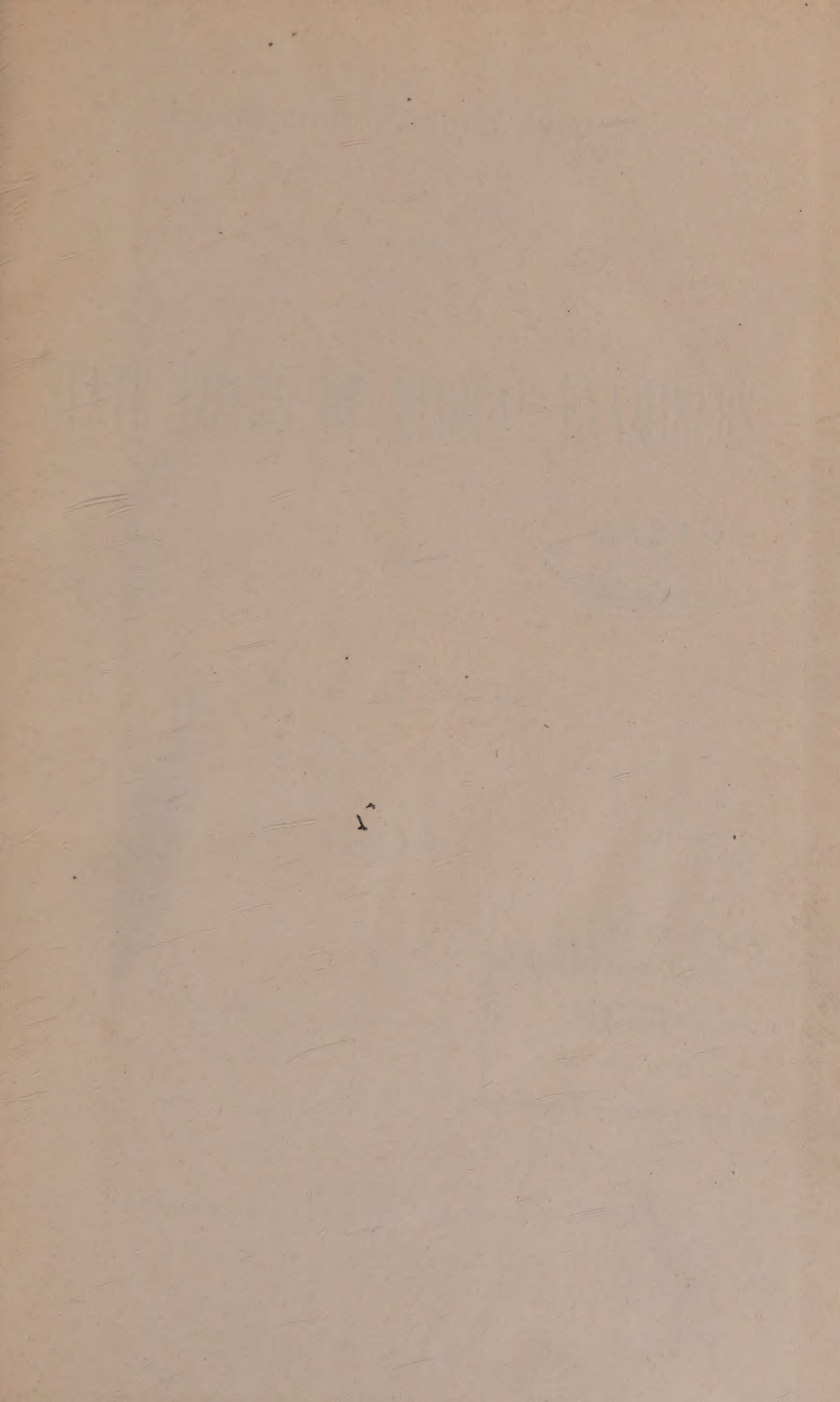
Board of Medical Examiners
1904

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OFFICERS AND MEMBERS

OF THE

State Board of Medical Examiners of New Jersey,

1904—1905.

WILLIAM H. SHIPPS, M.D., *President*, Bordentown.
Examiner in Materia Medica and Therapeutics.

DAVIS P. BORDEN, M.D., Paterson.
Examiner in Chemistry and Eclectic Materia Medica
and Therapeutics.

CHARLES A. GROVES, M.D., *Treasurer*, East Orange.
Examiner in Obstetrics and Gynecology.

EDWARD HILL BALDWIN, M.D., Newark.
Examiner in Physiology and Homœopathic Materia
Medica and Therapeutics.

JOHN J. BAUMANN, M.D., Jersey City.
Examiner in Surgery, including Surgical Anatomy and Dis-
eases of the Eye, Ear and Genito-urinary Organs.

JOHN W. BENNETT, M.D., Long Branch.
Examiner in Histology, Pathology and Bacteriology.

ARMIN UEBELACKER, M.D., Morristown.
Examiner in Anatomy.

WM. PERRY WATSON, A.M., M.D., Jersey City.
Examiner in Practice of Medicine, including Physical Diagnosis
and Diseases of the Skin, Nose and Throat.

E. L. B. GODFREY, A.M., M.D., *Secretary*, Camden.
Examiner in Hygiene and Medical Jurisprudence.



ANNUAL REPORT.

To His Excellency Franklin Murphy, Governor of New Jersey:

SIR—I have the honor to submit the fourteenth annual report of the State Board of Medical Examiners of New Jersey and to call your attention to the subjoined sections.

I. THE LICENTIATES OF THE YEAR.

During the year ending December 31st, 1904, the medical license of this State has been granted to one hundred and forty-four physicians.

All the licentiates conformed to the educational standard of requirements exacted by the statute, and either passed the regular examination of this State or an examination, satisfactory to and approved by this Board, in other States whose standards of requirements are substantially the same as that of New Jersey.

The academic institutions represented by the licentiates numbered sixty-nine, situated in the States of Massachusetts, Connecticut, New York, New Jersey, Pennsylvania, Maryland, Virginia, Ohio, Illinois, and in Canada, Italy, Austria and Russia, as stated in Appendix D.

Twenty-two per cent. of the licentiates held literary or scientific degrees—a marked advance in the educational qualifications of a few years since. Nineteen of these licentiates held the degree of A.B.; seven the degree of B.S.; two the degree of Ph.G., and one each the degree of A.M., M.E. and C.E.

Twenty-six per cent. were admitted on the certificate of equivalent education issued by the State Superintendent of Public Instruction. A few of these licentiates, in the absence of satisfactory credentials, passed the county examinations for teachers.

The medical institutions represented by the licentiates numbered thirty-nine, and are located as follows: New York, 10;

Pennsylvania, 5; Maryland, 5; Illinois, 5; Massachusetts, 2; District of Columbia, 2; Connecticut, 1; Texas, 1; Italy, 4; Canada, 2; Roumania, 1, and Germany, 1. Their names will be found in Appendix E.

Of the leading educational centers New York City furnished 58 of the licentiates, Philadelphia 39, and Baltimore 22.

The foreign graduates filed with their applications a certificate of academic education from the State Superintendent of Public Instruction, and a certified translation of their medical diploma under the seal of their respective consuls-general.

The rejections for the June examination were 17 per cent.; for the October examination, 25 per cent.; total average of rejections for the year, 20 per cent. A large number of applicants for indorsement were refused because a college diploma or foreign license cannot be accepted in lieu of a State examination, nor can an examination be accepted from a State with lower standards than New Jersey.

Eighty-two per cent. of the licentiates for the year were thirty years old or under, and eighty-four per cent. were graduated since 1902. This indicates that the study of medicine has been a primary object with a majority of the licentiates, and that the adoption of the profession of medicine after middle life by those who have failed in other lines has practically stopped, because the requirements of medical science demand the vigor of early life to attain success.

Polk's Medical Register and Directory for 1904 places the number of physicians in New Jersey at 2,360. At the present time the approximate number is 2,500. On this basis, 76 per cent. are licentiates of this Board, while the increase for the past year is less than 6 per cent. of the number in practice.

Those licentiates who attained a general average of 90 or over were placed on the Honor Roll, and I have pleasure in stating that this honor was earned by the following licentiates:

Dr. William Gibbs Nash, Newark; A.B., Harvard University; M.D., Columbia University,	94.9
Dr. Louise Martha Sturtevant, Atlantic City; A.B., Wellesley College; M.D., Boston University School of Medicine,	91.4
Dr. Albert Hamilton Ward, Paterson; Paterson High School; M.D., Columbia University,	90.8

Dr. Henry Augustus Craig, New Germantown; Certificate, New York Regents, 72 counts; M.D., Columbia University,	90.7
Dr. Edwin Nicholas Riggins, East Orange; A.B., Williams College; M.D., Johns Hopkins University,	90.7

II. REQUIREMENTS FOR THE MEDICAL LICENSE OF NEW JERSEY.

The requirements for the medical license of this State are academic, medical, moral and examining. The examining requirements will be considered under the examinations.

The academic requirements include three forms of certificates, as follows:

(A.) A certificate or diploma issued after four years of study either in a normal, manual training or high school of the first grade in this State, or in a legally constituted academy, seminary or institute of equal grade.

(B.) A student's certificate of examination for admission to the freshman class of a reputable literary college, attested by the seal of the institution, or before a notary.

(C.) A certificate from the State Superintendent of Public Instruction of New Jersey, who is authorized to determine whether or not, from the credentials submitted (literary, scientific or commercial), the applicant's academic education is fully equivalent to either of the above requirements. Applicants failing to present satisfactory credentials may be referred by the State Superintendent of Public Instruction to the State or County Boards of Examiners for Teachers for examination. The State Teachers examination embraces 92 counts; the County examination 106 counts, and any 48 of either will be considered the equivalent of a high school course. Applicants are given credit for the number of counts they may be able to show, as stated in Appendix A.

Every opportunity, therefore, is given to applicants to obtain the educational credentials necessary to admit them to the medical examinations of this Board. If, for any reason, a student has not been able to take a high school course, an equivalent education, whether obtained in public or private schools or at home, as determined by the State Superintendent of Public Instruction,

will be accepted for admission to the State examination. A preliminary education equal to that required by this State is now exacted by most of the larger States, and some of the medical schools, notably Harvard Medical School and Johns Hopkins University, require a literary degree for admission to their classes. All of the medical schools in New York State require a high school course, or its equivalent for matriculation.

The credentials of a large percentage of applicants for examination show that a number of medical colleges do not maintain their entrance requirements, as stated in their catalogues. This is probably due to the fact that of the 156 medical schools in this country about 59 per cent. are unendowed private institutions whose success depends upon the number of students they can matriculate. It is stated that, at the present time, there are about 25,000 students in medical colleges and between 5,000 and 6,000 medical students are graduated annually in this country. The profession is admittedly overcrowded with imperfectly trained physicians, and the ratio of physicians to the population in this country is said to be greater than in any European country.

Could the entrance requirements of the medical schools be made uniform and strictly adhered to, the level of the profession would be raised and a wider inter-state exchange of license materially hastened. The educational standards of New Jersey have contributed to this end since the institution of this Board in 1890, and the present requirements have brought into the State a more highly educated class of physicians than have entered at any previous time.

The medical requirements (Appendix A) consist of four full school years of medical study of nine months each, including four courses of lectures of at least seven months each, in four different calendar years, in a legally incorporated American or foreign medical college, prior to receiving the degree of Doctor of Medicine. Concessions are made to veteran physicians applying for the medical license of this State. In the case of applicants who graduated prior to 1903 and 1894, respectively, five years of reputable and continuous practice may be accepted as the equivalent of one course of lectures, and ten years of practice for two courses of lectures, provided such substitution and exemp-

tion be specified in the certificate of license. These concessions afford the older physicians of this State an opportunity to obtain a State license by examination as a basis for indorsement by other States should they be obliged to change their locations.

Four years of medical study are nominally required by all medical colleges, but a time credit of one year is allowed by some colleges to graduates in dentistry, pharmacy and veterinary medicine. The graduates of such colleges are not eligible for the examination of this State.

During the year, two medical schools in one of the leading cities have been advised that their graduates after 1904 cannot be admitted to the examinations of this State.

The Board has the authority to determine the standing of medical colleges according to the requirements of the statute. An inquiry into the status of a college is as important as an inquiry into the qualifications of its graduates, especially when a college is an unendowed, private institution.

The graduates of medical schools differ materially in the degree of their medical knowledge, as shown by the averages attained at the State examinations. In the majority of cases the schools with proper laboratory and hospital facilities for instruction turn out a higher grade of student than those without such facilities. Special inducements are made by some of the inferior schools to attract students, but cheap instruction, short terms of study and easy graduation mean, as a rule, an inferior education.

To the young men of this State who intend taking up the study of medicine, the Board would recommend that they enter such colleges as are properly equipped to teach medicine and surgery according to the recent advances in medical science.

There is no doubt that if it were not for the medical statutes of the different States, the inferior medical schools would quickly revert to a two-year basis for graduation and flood the country with incompetent practitioners.

New Jersey has no medical school within its borders, and no control over those outside. In view of the immunities granted by the State to physicians and the control exercised by them over the health of its citizens, the State has imposed conditions respecting the practice of medicine which this Board has faithfully

carried out in determining whether or not applicants for a State license possess a reasonable preliminary education and a reasonable knowledge of medicine and surgery.

There is no uniform standard of medical education in the colleges. The Association of American Medical Colleges embraces only about one-half of the medical schools. Were a curriculum substantially uniform adopted and substantially the same proportionate amount of study exacted, the differences now evident in the graduates would be less marked. But this condition will not be attained for years to come, until the small colleges in the small cities have been absorbed by the great universities in the large cities, which alone are able to give full medical instruction because of their laboratory and hospital facilities.

The moral requirements consist of a certificate of moral character signed by two physicians, one of whom must be a resident of New Jersey, recommending the applicant as entirely worthy to be licensed to practice medicine and surgery in New Jersey pursuant to law.

III. APPLICATION FOR EXAMINATION.

The statute requires that applicants for examination shall present to the Secretary of the Board of Examiners a written application on a form provided by the Board, for approval and filing, at least ten days before the commencement of the examination. This form contains printed instructions for filling out in respect to age, residence, moral character, academic and medical qualifications of the applicant, with a blank certificate to be filled out by an officer of the medical institution from which the applicant was graduated, under the seal of the institution, stating the number and length of the courses of lectures and date of graduation, to which the applicant must make affidavit that he is the person referred to.

Graduates of foreign institutions are required to obtain a certificate of academic education from the State Superintendent of Public Instruction, and file with their applications a certified translation of their diploma, made by and under the seal of their respective consuls-general, showing that the applicant possesses

the full right to practice medicine in all of its branches in the country in which the diploma was issued.

As a means of identification, and to prevent substitution, this Board, as well as the Examining Boards of other States, requires each applicant to file with his application a recent photograph of himself, indorsed on the back with his name and duly attested as to the identity of the applicant with the photograph and the genuineness of the signature.

Applicants who met the requirements of the statute were advised of the time and place of the examination and of the rules governing the same; those who failed to meet the requirements were so informed.

IV. THE EXAMINATIONS.

The examinations were held in the Capitol at Trenton on the third Tuesday, Tuesday evening and Wednesday of June and October.

The candidates met at 8 a. m. Tuesday, and the examination began at 9 a. m. Prior to the examinations, each candidate signed his name opposite a number as his official number; marked his papers with the same number throughout the examination, and was known only by that number to the examiners. The examinations were conducted in writing, which the Board considers to be the best available test, and which also affords a permanent, legal record of the candidate's standing for future reference. At 9:30 a. m., half an hour after the examinations had begun, the paper containing the names and numbers of the candidates was duly sealed and the admission to the examinations closed. The rules, regulations and subjects of examination will be found in Appendix A.

Candidates intending to practice homœopathy or eclecticism were examined in materia medica and therapeutics by the members of the Board of Examiners representing those schools.

The examinations were divided into nine sections, embracing fourteen subjects, as set forth in Appendix A. Two hours were given to each section, in which fifteen questions were submitted, ten of which were required to be answered. A total average of

75 per cent., or 675 out of a possible 900 points, is required to obtain the State license. The examinations were both scientific and practical and of sufficient severity to test the candidates' fitness to practice medicine, but not severe enough to prevent candidates possessing a reasonable education from entering the ranks of the profession in this State.

Following each examination, the examiners began marking their papers in their respective sections. Two weeks later a meeting of the Board was held at Newark, when the paper containing the names of candidates and their official numbers was opened, the markings given each candidate ascertained, and each candidate notified whether or not he or she had successfully passed the examination.

V. THE STATE MEDICAL CERTIFICATE.

Following the adjudication of the averages of the candidates, a certificate of license, signed by the examiners and attested by the seal of the Board, was issued to those candidates who had passed the examination, entitling them to practice medicine in New Jersey. A certified copy of the same was given each licentiate, with instructions to file it with the clerk of the county in which he intended to practice.

The credentials of each candidate were recorded in the Official Register of the Board, and the application forms, academic certificates, examination questions, photographs and averages attained were filed in the State Library as *prima facie* evidence of all matters therein contained.

The names, residences and educational qualifications of licentiates will be found in Appendix C.

VI. INDORSEMENT OF LICENSES ISSUED BY OTHER STATES.

The medical license issued after examination by another State may be indorsed at the option of this Board, in lieu of examination, when the standard of requirements of the State issuing the license is substantially the same as that of New Jersey, and when

the applicant can meet the same requirements as applicants for examination before this Board.

Indorsement of licenses is optional with this Board, and is granted to avoid the hardship to the profession incident to the long interval between examinations.

The indorsed licentiates of the year complied fully with the same academic and medical requirements as the examined licentiates.

They presented evidence of having passed a State examination, satisfactory to and approved by this Board, in substantially the same medical branches and under essentially the same rules and regulations as required by this Board for examination, and of having received a State license upon an average marking of at least 75 per cent.

They filed with their applications a certificate of moral character, either from an incorporated medical society, signed by the President or Secretary thereof over the seal of the society, or from two legally qualified physicians residents of the same locality as the applicant, duly attested by a notary.

They also presented a letter from a registered physician of New Jersey, recommending them for indorsement.

The credentials of the indorsed licentiates have been recorded in the Official Register of the Board and filed in the State Library.

A large number of applicants were refused indorsement because they had not passed a State examination or held a certificate from a State of lower educational standards than New Jersey.

The statute permits physicians or surgeons of another State, duly authorized under the law to practice medicine therein, to visit patients in this State, provided they do not open an office or a place for the practice of their profession.

VII. MIDWIFERY EXAMINATIONS FOR 1904.

The examinations for State license to practice midwifery were held in the Capitol, Trenton, on the third Tuesday in June and October. Thirty-five applicants were examined; twenty-seven were licensed, making a rejection of 22 per cent.

The names, addresses and schools of graduation of the licentiates for the year will be found in Appendix F.

All applicants filed certified evidence of graduation from a school of midwifery, with a certificate of moral character from a registered physician of this State. Graduates of foreign schools filed certified translations of their diplomas, made by and under the seal of an accepted authority or the consul of the country in which the diploma was issued.

The examinations were conducted in English and German in the subjects named in Appendix F.

A certificate of license, with a certified copy, was issued to each successful candidate, with instructions to file the copy in the office of the clerk of the county in which she intends to practice. All State midwifery certificates were issued conditionally, as set forth in Appendix F.

The law governing the examination and licensing of midwives was enacted in 1892. It has successfully regulated the practice of midwifery, increased the safety of parturient women and aided in the collection of vital statistics.

VIII. THE PRESENT MEDICAL STATUTE AND THE ENFORCEMENT OF ITS PENALTIES.

The purpose of the statute governing the practice of medicine in New Jersey is to elevate and maintain definite educational standards in the profession of the State.

Its first effect has been to compel, in conjunction with the laws of other States, medical schools to keep their standards of graduation at least as high as the State requirements. Secondly, it is sifting, through examinations and indorsements, such applicants for the license of New Jersey as cannot meet the State requirements; and, thirdly, it is protecting the people by its specific provisions against fraudulent and unlawful practitioners.

Its working has proved entirely satisfactory to this Board and fair to all concerned. It has done more to advance the interests of the profession of the State than any legislative enactment since the incorporation of the Medical Society of New Jersey in 1790.

Every State and Territory in the Union now has its Medical Examining and Licensing Board; that of New Jersey having been established in 1890.

Many physicians in this State have the impression that the prosecution of unlawful practitioners devolves upon the State Board of Medical Examiners. It seems proper to state that this is not the case. The medical statute makes it the especial duty of the respective district attorneys of the counties of the State to prosecute violators of the provisions of this statute. To institute proceedings, district attorneys should be furnished with evidence based upon personal knowledge of the infraction complained of. Such personal knowledge is not obtainable by this Board except in rare instances. If persons aware of the practice of unlicensed physicians would furnish evidence, based upon their personal knowledge, to their respective district attorneys, either in person, or through County Medical Societies, or through this Board, unlawful practitioners would soon be driven from the State. Whenever legal evidence of unlawful practice has been presented to this Board, the case has been promptly referred to the proper district attorney, and the Board takes this opportunity to express its appreciation of the prompt action of district attorneys in cases referred to them.

What constitutes the practice of medicine (Appendix A) is well defined in the statute, which is ample to secure the conviction of offenders, and has been sustained by the Court of Errors and Appeals.

Were a law enacted requiring vital statistics to be returned to Boards of Health instead of to City Clerks, it would tend to prevent unlawful practice, because Boards of Health are usually familiar with the physicians legally qualified to practice within their jurisdiction.

In accordance with the requirements of the statute, the County Clerks of the State have forwarded to this Board a report of the medical registrations in their respective offices during the year ending November 30, 1904, as follows:

Atlantic County,	15
Bergen County,	9
Burlington County,	none
Camden County,	9

Cape May County,	3
Cumberland County,	7
Essex County,	50
Gloucester County,	none
Hudson County,	20
Hunterdon County,	1
Mercer County,	9
Middlesex County,	3
Monmouth County,	14
Morris County,	10
Ocean County,	4
Passaic County,	9
Salem County,	4
Somerset County,	none
Sussex County,	none
Union County,	10
Warren County,	1

This list includes the re-registration of physicians who have moved from one county to another during the year, in addition to the registration of licentiates of this year.

During the year the Board has held five meetings, two in Trenton, two in Newark and one at Long Branch. The business affairs of the Board have been conducted in an impartial manner with all applicants for a State license and with harmony among its members.

At the annual meeting, July 5th, Drs. Wm. Perry Watson, A. Uebelacker and William H. Shipps presented their credentials of re-appointment. Dr. William H. Shipps was elected President; Dr. E. L. B. Godfrey, Secretary, and Dr. Charles A. Groves Treasurer for the ensuing year.

In Appendix A will be found a synopsis of the requirements of the medical statute and of the penalties imposed for unlawful practice; in Appendix B, a synopsis of the requirements for the indorsement of licenses issued by other States; in Appendix C, the names, residences and educational qualifications of the medical licentiates for 1904; in Appendix D, the academic institutions represented by the medical licentiates of the year; in Appendix E, the medical institutions represented by the licentiates, and in Appendix F, a synopsis of the midwifery requirements with list of licentiates for the year.

STATE BOARD OF MEDICAL EXAMINERS. 17

In concluding the report of its transactions for the year, the State Board of Medical Examiners of New Jersey desires to express its appreciation of the prompt and efficient services of Attorney-General Robert H. McCarter and of State Superintendent of Public Instruction, Charles J. Baxter, and to acknowledge its indebtedness to you for your advice and courtesy.

Respectfully submitted,

E. L. B. GODFREY, M.D.,

Secretary.

Camden, New Jersey, December 31st, 1904.

APPENDICES.

(19)

APPENDIX A.

Synopsis of the Requirements for Examination for License to Practice Medicine and Surgery in the State of New Jersey, and of the Penalties Imposed for Unlawful Practice.

All persons beginning the practice of medicine in any of its branches in New Jersey must apply to the State Board of Medical Examiners for a license, either through examination by this Board or through the indorsement of a license issued after a satisfactory and approved examination by another State Board, whose STANDARD OF REQUIREMENTS is substantially the same as that of this Board, as provided in the Act to Regulate the Practice of Medicine and Surgery, approved May 22d, 1894, amended and approved April 8th, 1903.

I. Requirements for Admission to the Examination.

The regular examinations of the Board are held in the Capitol at Trenton, on the third Tuesday, Tuesday evening and Wednesday of June and October. Application for blank forms for the June examination should be made early in May, and for the October examination early in September. These forms must contain satisfactory proof that the applicant meets the following requirements:

1. NAME, RESIDENCE, PLACE AND DATE OF BIRTH, showing that applicant is over 21 years of age.

2. ACADEMIC REQUIREMENTS: Applicants must present satisfactory proof of academic education in one of the following forms:

(a) A certified copy of a certificate or diploma issued after four years of study either in a normal, manual training or high school of the first grade in this State, or in a legally constituted academy, seminary or institute of equal grade.

(b) A student's certificate of examination for admission to the freshman class of a reputable literary college, attested by the seal of the institution attended, or before a notary.

(c) A certificate from the State Superintendent of Public Instruction of New Jersey, who is authorized to determine whether the applicant's academic education is *fully equivalent* to either of the above requirements. Applicants applying for this form of certificate should present their credentials (academic, scientific or commercial) in person, to the State Superintendent of Public Instruction, Trenton, N. J., at least two weeks prior to the State or county examinations for teachers, as given below.

Applicants failing to obtain one of the above certificates (*a*, *b* or *c*) may be referred by the State Superintendent of Public Instruction to the State or County Boards of Examiners for Teachers for examination.

The State Examinations for Teachers are held in Trenton on the second Thursday, Friday and Saturday in June and December.

The County Examinations for Teachers are held in the different counties on the first Friday and Saturday in February, May and October.

Applicants desiring to take these examinations should apply to the State Superintendent of Public Instruction at Trenton, at least two weeks prior to the dates given above, and those who receive a certificate from the State Superintendent will be admitted to the State Medical Examination.

A marking of 70, or above, must be obtained to entitle the applicant to the counts allowed for each subject in the following list prepared by the State Superintendent of Public Instruction. Counts may be obtained at either the State or County examinations, or at both, and must amount to 48 to entitle the applicant to a certificate of academic qualification.

The State Teachers' Examination embraces 92 counts in the following subjects, any 48 of which will be considered and accepted as equivalent to a high school course of four years.

THURSDAY.

Plane and Solid Geometry, . 6 counts	Chemistry, 4 counts
Literature, 4 "	Botany, 2 "

FRIDAY.

Drawing, 4 counts	French, 1st and 2d years, .. 8 counts
Manual Training, 4 "	German, 1st and 2d years,.. 8 "
Latin, 1-4 years, 16 "	Bookkeeping, 2 "
Greek, 1-3 years, 12 "	Commercial Arithmetic,... 2 "
Physics, 4 counts	

SATURDAY.

Physical Training, 4 counts	Zoölogy, 2 counts
Stenography, 2 "	Geology, 2 "
Business Practice, 2 "	Plane Geometry, 4 "

The County Teachers' Examination embraces 106 counts, in the following subjects, any 48 of which will be regarded as the equivalent of a high-school course of four years:

FRIDAY.

Orthography, 4 counts	English Grammar, 2 counts
Arithmetic, 4 "	Geography, 2 "

SATURDAY.

Physiology and Hygiene,.. 2 counts	General History, 4 counts
Composition, 4 "	Plane Geometry, 4 "
United States History, 4 "	Latin, 1st and 2d year (Feb-
Bookkeeping, 2 "	ruary and May), 8 "
Algebra, 4 "	Latin, 1-4 years (October), 16 "
Civics, 2 "	French, 1st and 2d years,.. 8 "
Physics, 4 "	German, 1st and 2d years,.. 8 "

The following additional subjects are given only at the October examinations:

SATURDAY.

Drawing, 4 counts	Manual Training, 4 counts
Greek, 1-3 years, 12 "	Physical Training, 4 "

Applicants who furnish satisfactory evidence of having completed a two or three years' high school course will be given due credit for the same and will be examined only in the remaining subjects of the full course.

Examinations will be entrusted only to the regularly organized official examining boards.

If an applicant shall fail to secure the required number of academic counts at one session of a board of examiners, due credit will be given for the subjects in which he has passed, and it shall be his privilege to attend subsequent examinations.

A New York Regents' Medical Student's Certificate of forty-eight counts will be accepted as the equivalent of a high school course.

Any *regular* State teachers' certificate (not including certificates to teach music, drawing, manual training, physical training, or other special subjects), or Latin in connection with a first grade county certificate, will be accepted as evidence of preliminary academic education.

A certificate of graduation from any registered gymnasium in Germany, Austria, or Russia, or a certificate of a completed course of five years in a registered Italian gymnasium and of three years in a lyceum, will be accepted as meeting the requirements. Graduates of foreign schools must obtain a certificate of academic education from the State Superintendent of Public Instruction.

Academic certificates accepted as credentials for admission to the State medical examination, or for indorsement, will be attached to the application forms and *filed permanently* in the State Library at Trenton.

3. MEDICAL REQUIREMENTS: Applicants must have received a diploma conferring the degree of doctor of medicine from some legally incorporated medical college (which in the opinion of this board was in good standing at the time of issuing said diploma) in the United States, or a diploma or license conferring the full right to practice all the branches of medicine and surgery in some foreign country, and have also studied medicine not less than four full school years of at least nine months each, including four satisfactory courses

of lectures of at least seven months each, in four different calendar years, in some legally incorporated American or foreign medical college or colleges, prior to the granting of said diploma or foreign license.

When applicants have taken lectures at more than one medical college, a certificate of attendance, attested by the seal of the college, must be presented from each institution, in addition to the affidavit on the blank from the college of graduation.

First Exemption: Applicants for license who graduated prior to July 4th, 1903, and have been in continuous and reputable practice for at least five years since graduation, may be admitted to the examinations of this Board upon certified and satisfactory evidence of moral character, of three courses of medical lectures in different calendar years, and of a competent academic education according to the standard of that time, as determined in the case of non-graduates of academic institutions by the State Superintendent of Public Instruction; *provided, however,* that such substitution and exemption be specified in the license.

Second Exemption: Applicants for license who graduated prior to July 4th, 1894, and have been in continuous and reputable practice since graduation, may be admitted to the examinations of this Board upon certified and satisfactory evidence of moral character, of two courses of medical lectures in different calendar years, and of a competent academic education according to the standard of that time, as determined in the case of non-graduates of academic institutions by the State Superintendent of Public Instruction; *provided, further,* that such substitution and exemption be specified in the license.

4. MORAL REQUIREMENTS: Applicants for examination must present a certificate of moral character, signed by two physicians in good standing, one of whom must be a resident of New Jersey, recommending them as entirely worthy to be licensed to practice medicine and surgery in the State of New Jersey.

II. Application for Examination.

Applicants for examination should apply to the Secretary of this Board for a blank form of application, which must be filled out in accordance with the printed instructions on the blank, bear the seal of the medical institution from which the applicant was graduated, and be returned to the Secretary for approval and filing, with a certificate of academic education and a certified check, signed by or payable to the order of the applicant, or a postal money order, for \$25.00, the regular examination fee, *at least ten days before the date of the examination.*

In addition to the above requirements, graduates of foreign institutions must obtain a certificate of academic education from the State Superintendent of Public Instruction of New Jersey and file the same with their applications, together with a certified translation of their medical diplomas, made by and under the seal of their respective consuls-general, showing that the applicant possesses *the full right* to practice medicine in all its branches in the country in which the diploma was issued, to which the applicant must make affidavit that he is the person named therein.

Each applicant will be required to file with his or her application for examination a recent photograph of himself or herself, on the reverse side of which the applicant must write his or her name before a notary, or other legal official, who must certify over his seal to the identity of the photograph with the applicant and to the genuineness of the signature. No applicant will be admitted to the examination who has not complied with this rule.

If the application is approved, the applicant will be advised of the time and place of the examination and of the rules governing the same. Neither academic nor medical diplomas should be sent to the Secretary unless requested.

III. The Examinations.

1. DATE AND PLACE: *The regular examinations of the Board are held in the Capitol at Trenton, on the third Tuesday, Tuesday evening and Wednesday of June and October.*

2. SUBJECTS OF EXAMINATION: All examinations shall be written in the English language, and shall be held in the following subjects, namely:

Section 1. Materia Medica and Therapeutics.

Section 2. Obstetrics and Gynecology.

Section 3. Practice of Medicine, including physical diagnosis and diseases of the skin, nose and throat.

Section 4. Surgery, including surgical anatomy and diseases of the eye, ear and genito-urinary organs.

Section 5. Anatomy.

Section 6. Physiology.

Section 7. Chemistry.

Section 8. Histology, Pathology and Bacteriology.

Section 9. Hygiene and Medical Jurisprudence.

Candidates intending to practice homœopathy or eclecticism will be examined in materia medica and therapeutics by the members of the Board of Examiners representing those schools.

Two hours are given to each section, in which fifteen questions are submitted, ten of which must be answered by the candidate.

Candidates are known by their official number, as stated below in Rule Ninth.

3. RULES GOVERNING THE EXAMINATIONS:

First. Help of every kind must be removed from the reach and sight of the candidate. Any candidate detected in trying to give or obtain aid shall be instantly dismissed from the room, and his or her paper for the entire work canceled.

Second. Questions must be given out and answers collected punctually at the time specified for that section. Under no circumstances will papers be accepted unless the examination be actually held at the appointed time. The time for each examination paper of ten questions shall not exceed two hours.

Third. If any candidate withdraw himself or herself, without permission, from the sight of the examiner, his or her examination shall be closed. This rule permits a candidate, temporarily ill, to withdraw from the room and return only by the consent of the examiner.

Fourth. No candidate shall, under any circumstances, enter the examination more than thirty minutes late, unless excused by the examiner, and no candidate shall leave the room within thirty minutes after the distribution of question papers.

Fifth. All examinations shall be in writing. Candidates must furnish their own penholders and pens. Paper, blotters and ink will be supplied by the Secretary.

Sixth. The examinations shall continue two days, the sessions of the first day being from nine o'clock to eleven, eleven to one, two to four, four to six and eight to ten, respectively; the sessions of the second day being from nine to eleven, eleven to one, two to four and four to six, respectively.

Seventh. The examiner in each section shall not be engaged in any other business except supervising the examination while it is going on, and there shall be one or more associate examiners present with him during the entire session.

Eighth. A total average of seventy-five per cent. shall be necessary to license a candidate (he or she having otherwise complied with the law), provided that in no section shall the average percentage be less than fifty per cent., in which case, however, should the total average percentage be above seventy-five per cent., the candidate may be granted a second examination upon that section immediately after the adjudication of the averages. A candidate having less than fifty per cent. in more than one section shall be rejected.

Ninth. Each candidate must sign his or her name opposite a number, mark his or her examination papers with that number, and be known to the members of the Board only by that number until his or her examination papers have been examined, marked and the averages in each section ascertained.

Tenth. Each candidate shall sign the following pledge before commencing the examination, viz.:

"I hereby pledge my word of honor, without mental reservation or evasion in any manner, that during my examination before this Board, which I am now about to commence, I will neither give to a fellow-candidate nor receive from him, or from any other source whatever, any information relating to the subject under consideration; furthermore, I will write the number (given thereon opposite my name) upon all my examination papers as my official number."

The meeting of the Board to determine the averages of the candidates in the different sections will be held within two weeks after the examination; the votes of all examiners shall be *yes* or *no*, written with their signatures upon the backs of the examination papers of each candidate, and candidates will be informed of the results of the examination; candidates who have attained a total average of 90 per cent. or upwards will be placed on the Honor Roll.

In case of failure to pass the examination, the candidate may be re-examined at any regular examination within one year without the payment of an additional fee. Second or subsequent examinations include all branches.

IV. State License.

1. **CERTIFICATE OF LICENSE:** Following the adjudication of each examination a certificate of license, signed by the examiners and attested by the seal of the Board, will be issued to each successful candidate, entitling him or her to practice medicine and surgery in the State of New Jersey, and the application forms, with examination questions, papers, averages, licentiate numbers, photographs and academic certificates will be recorded in the official register of the Board and filed permanently in the State Library at Trenton as *prima facie* evidence of all matters therein contained.

2. **CERTIFIED COPY:** A certified copy will be issued with each certificate of license and must be filed with the clerk of the county in which the licentiate intends to practice. Licentiates removing from one county to another must file a certified copy of their license with the clerk of the county to which they remove; duplicate certified copies for registration or for indorsement by another State may be obtained from the Secretary of this Board by forwarding the original license with the regular fee of \$2.00, or from the clerk of the county in which the certificate of the licentiate is registered.

3. **FILING OF LICENSE:** *Candidates for examination must not begin the practice of medicine in this State until they have received a certificate of license from this Board and have duly filed a certified copy of the same; otherwise liability to the penalties imposed by the statute will be incurred.*

4. **TEMPORARY LICENSES:** A temporary license may be granted to a resident and legally qualified physician of another State to take charge of the practice of a resident and legally qualified physician of this State, during the latter's absence from this State, temporarily, upon written request from the physician residing in this State, made on the blank form of this Board under affidavit and returned to the Secretary for filing with the regular fee of \$2.00, when a license will be issued. This license covers a period of not less than two weeks nor more than four months. A temporary license will not be granted under any other conditions.

V. Refusal or Revocation of a License.

The Board may refuse to grant or may revoke a license for the following causes: Chronic and persistent inebriety, the practice of criminal abortion, conviction of crime involving moral turpitude, or for publicly advertising special ability to treat or cure chronic and incurable diseases, or the presentation of a fraudulent or illegally-obtained diploma or license as a credential for examination or indorsement.

In complaints for refusing or revoking a license, the accused person will be furnished with a copy of the complaint and given a hearing before the Board, in person or by attorney.

VI. What Constitutes Practice of Medicine in New Jersey.

Any person shall be regarded as practicing medicine or surgery within the meaning of the act approved May 22, 1894, amended and approved April 8,

1903, who shall use the words or letters "Dr.," "Doctor," "Professor," "M.D." or "M. B." in connection with his or her name, or any other title intending to imply or designate him or her as a practitioner of medicine or surgery in any of its branches, and who, in connection with such title or titles, or without the use of such titles, shall prescribe, direct, recommend, advise, apply, give or sell, for the use of any person or persons; any drug or medicine, or other agency or application, for the treatment, cure or relief of any bodily injury, infirmity or disease; and it is further provided that the use of any one of the aforementioned titles, or the exposure of a sign, circular, advertisement, or any other device or information, indicating thereby the occupation of the person or persons, shall be considered *prima facie* evidence; and it is further provided that the provisions of this act shall apply to all persons professing and attempting to cure diseases by means of the so-called systems of "faith-curism," "mind-healing," "laying-on-of-hands," and other similar systems.

VII. Application of the Act to Regulate the Practice of Medicine and Surgery in New Jersey.

This act does not apply to the commissioned surgeons of the United States army, navy or marine hospital service while so commissioned, or to lawfully qualified physicians or surgeons residing in other States meeting registered physicians and surgeons of this State in consultation, or to any legally qualified physician or surgeon of another State taking charge of the practice of a legally qualified physician or surgeon of this State temporarily during the latter's absence therefrom and upon the written request to said Board therefor, or to any physician or surgeon of another State, and duly authorized under the laws thereof to practice medicine and surgery therein; *provided*, that such practitioner shall not open an office or a place for the practice of his profession within the borders of this State; or to anyone while actually serving as a member of the resident medical staff of any legally incorporated charitable or municipal hospital or asylum, or to any legally qualified and registered dentist exclusively engaged in practicing the art of dentistry, or to any person claiming the right to practice medicine and surgery in this State who has been practicing therein since before the fourth day of July, one thousand eight hundred and ninety; *provided*, said right or title was obtained upon a duly registered diploma, of which the holder and applicant was the lawful possessor, issued by a legally chartered medical institution which, in the opinion of said Board, was in good standing at the time said diploma was issued; or to any person resident of this State who has been continuously engaged in giving treatment by electricity herein during the past fourteen years; *provided*, that said person has graduated from a legally incorporated electro-therapeutic school in good standing, or to any legally licensed and registered pharmacist of this State actually engaged in the practice of his profession, but this exception shall not be extended so as to give said licensed pharmacist the right and authority to carry on the business of a dispensary, unless said dispensary shall be in charge of a legally licensed and registered physician and surgeon of this State; or to any legally licensed and registered veterinary physician, surgeon or dentist of this State

engaged in the practice of veterinary medicine, surgery or dentistry in any of its branches; or to any professional nurse, masseur or electrician, operating in each particular case under the specific direction of a regularly licensed physician or surgeon; or to any person or persons giving aid, assistance or relief in emergency or accident cases pending the arrival of a regularly licensed physician and surgeon.

VIII. Penalty for Unlawful Practice.

Any person hereafter commencing the practice of medicine and surgery in any of its branches in this State without first having obtained and filed a license from this Board, granted either through examination or indorsement, as provided in the act regulating the practice of medicine and surgery, approved May 22, 1894, amended April 8, 1903, or contrary to the provisions of the act, shall be deemed guilty of a misdemeanor, and upon conviction thereof shall be punished for the first offense by a fine of not less than one hundred dollars or by imprisonment in the county jail for a period of not less than thirty days, or by both fine and imprisonment, and for each subsequent offense the punishment shall be double that of the preceding one; *and it shall be the duty of the respective district attorneys of the counties of this State to prosecute violation of the provisions of this act.*

Address communications to the Secretary, Camden, New Jersey.

APPENDIX B.

Synopsis of Requirements for Indorsement of Medical Licenses Issued by Other States.

Medical licenses issued after examination by other States may be indorsed by New Jersey, in lieu of examination; *provided*, that the Standard of Requirements (academic, medical, moral and examining) of the State issuing the license is substantially the same as that of New Jersey; *and provided further*, that the candidate for indorsement complies with the conditions required of candidates examined by this State as follows:

I. Conditions of Indorsement.

1. **ACADEMIC:** Candidates must present a certificate of academic education to attach to and file permanently with their applications in one of the following forms:

(a.) A certificate of graduation or a certified copy of diploma, issued after four years of study either in a normal, manual training or high school of the first grade in this State, or in a legally-constituted academy, seminary or institute of equal grade.

(b.) A student's certificate of examination for admission to the freshman class of a reputable literary college, bearing the seal of the institution attended, or duly attested before a notary.

(c.) A certificate from the State Superintendent of Public Instruction of New Jersey, stating that the candidate's academic education is considered and accepted by him as fully equivalent to either of the above requirements, upon approval of credentials or through examination before the State or County Boards of Examiners for Teachers of this State, as stated in Appendix A.

2. **MEDICAL:** Candidates must have studied medicine not less than four full school years of at least nine months each, including four satisfactory courses of lectures of at least seven months each, in four different calendar years in a legally-incorporated American or foreign medical college or colleges, prior to receiving the degree of Doctor of Medicine, in conformity with the requirements and exemptions more fully stated on pages 23 and 24.

3. **EXAMINING:** Candidates must have passed a State examination satisfactory to and approved by this Board, in substantially the same medical branches, and under essentially the same rules and regulations as required by this Board for examination, and must have received a State license upon an average marking of at least seventy-five per cent.

4. **MORAL:** Candidates must present with their applications a certificate of moral character, either from an incorporated medical society, signed by the

president or secretary thereof over the seal of the society, or from two legally-qualified physicians, residents of the same locality as the candidate, duly attested by a notary.

5. **RECOMMENDATION:** Candidates must present a letter from a registered, reputable physician of New Jersey, recommending them for indorsement by this Board.

II. Application for Indorsement.

Application for indorsement must be made upon a blank form provided by this Board and obtained of its Secretary, and must be filled out in conformity with the above conditions; bear the seal of the medical institution from which the candidate was graduated, with the certificate of the Dean or other executive officer, stating number and length of courses of lectures and date of graduation; bear a verbatim copy of the applicant's State medical license over the seal of the State Examining Board issuing the same, together with the affidavits of the President and Secretary thereof as to the date of examination, number of license, subjects examined and total average attained, and must be returned to the Secretary of this Board for approval and filing, with the affidavit of the candidate and a certified check or postal money order for the regular fee of fifty dollars.

Graduates of foreign institutions must present a certificate of academic education from the State Superintendent of Public Instruction of New Jersey and file with their applications a certified translation of their academic and medical diplomas, made by and under the seal of their respective consuls-general, showing that the candidate possesses *the full right* to practice medicine in all its branches in the country in which the diploma was issued, to which the candidate must make affidavit that he is the person named therein.

The indorsement of a college diploma, or a foreign license, cannot be accepted in lieu of a State examination. Candidates must designate the State license to be indorsed, and the acceptance of an application for indorsement cannot be determined until the forms provided by this Board have been properly filled out and submitted for investigation and approval. Neither academic nor medical diplomas need be sent to the Secretary.

III. State Medical License.

1. **CERTIFICATE OF LICENSE:** If the application is approved, a certificate of license will be issued to the candidate signed by the members and attested by the seal of the State Board of Medical Examiners, entitling the candidate to practice medicine or surgery in the State of New Jersey. All credentials will be recorded in the Register of the Board, and filed in the State Library, at Trenton, as *prima facie* evidence of matters contained therein.

2. **CERTIFIED COPY:** A certified copy of the license issued by this Board accompanies the State certificate and must be filed with the clerk of the county in which the candidate intends to practice. Candidates removing from one county to another must file a certified copy of their license with the clerk of the county to which they remove; duplicate certified copies may be obtained from the Secretary of this Board by forwarding the original license with the

fee of \$2.00, or from the clerk of the county in which the licentiate is registered.

Candidates for indorsement must not begin the practice of medicine in this State until they have received a certificate of license from this Board and have duly filed a copy of the same; otherwise, they are liable to the penalties of the statute governing the practice of medicine in this State.

APPENDIX C.

Licentiates of the State Board of Medical Examiners of New Jersey, for the Year 1904.

NAME.	RESIDENCE.	PRELIMINARY EDUCATION.	MEDICAL INSTITUTIONS.
Adrianse, Vanderpoel, <i>A.B.</i> ,	New York City,	Williams College, '90,	Columbia University, Medical Department, '93.
Atwater, Henry Harrison, Jr.,	Paterson,	Peekskill Military Academy, N. Y., '97, ..	Long Island College Hospital, '02.
Bacevycze, Anthony Mathew,	Jersey City,	Gymnasium, Kosno, Russia, '89,	Baltimore Medical College, '00.
Barbini, Gioachino,	Elizabeth,	Lico, Palermo, Italy, '95,	University of Palermo, Italy, '01.
Bartram, William C.,	Newburgh, N. Y.,	Centenary Collegiate Institute, '00,	Columbia University, Medical Department, '04.
Beardsley, Edward John,	Atlantic City,	Certificate, State Sup. Public Instruction, '04,	Jefferson Medical College, '02.
Belcher, Herbert J. B.,	Paterson,	Certificate, New York Regents, '95,	College of Physicians and Surgeons, Baltimore, '03.
Bentley, David Fuller, <i>Ph.G.</i> ,	Camden,	Certificate, State Sup. Public Instruction, '04,	Medico-Chirurgical College, Philadelphia, '04.
Betts, Norman Sinclair,	Philadelphia, Pa.,	Friends' Central High School, Pa., '98,	Hahnemann Medical College and Hospital, Philadelphia, '04.
Blank, Louis Nicholas,	Newark,	Certificate, State Sup. Public Instruction, '04,	Baltimore Medical College, '04.
Bowman, Alice Russell,	Roseville,	Certificate, State Sup. Public Instruction, '04,	New York Medical College and Hospital for Women, '99.
Brasfield, Edgar Norman, <i>B.S.</i> ,	Phillipsburg,	Northwestern University, '00,	The University and Bellevue Hospital Medical College, '04.
Bray, Edward Griswold, <i>B.S.</i> ,	Baltimore, Md.,	Lafayette College, '00,	Baltimore Medical College, '04.
Brewster, Guy Otis,	Grantwood,	Certificate, New York Regents, '90,	Jefferson Medical College, '96.
Brown, Frank Halstead,	New York City,	Certificate, State Sup. Public Instruction, '04,	Hahnemann Medical College and Hospital, Philadelphia, '02.
Brown, Henry Edward,	Brooklyn, N. Y.,	Certificate, New York Regents, '95,	Long Island College Hospital, '97.
Burnett, Hayes Joseph,	Scabright,	Howard University, Prep. Department, '00,	Howard University, Medical Department, '04.
Burrows, Waters Field, <i>A.B.</i> ,	Elizabeth,	Columbia University, '01,	Columbia University, Medical Department, '04.
Bushey, Harry Frederick,	Camden,	Certificate, State Sup. Public Instruction, '04,	Baltimore University, School of Medicine, '04.
Byers, Clarence Walter,	East Rutherford,	Certificate, State Sup. Public Instruction, '04,	Long Island College Hospital, '03.
Carter, Helen Louise,	Newark,	Northfield Seminary, Massachusetts, '99,	Cornell University Medical College, '04.
Chandler, Henry Milligan,	Orange,	Princeton University, '07-'09,	Albany Medical College, '03.
Cittadini, Antonio,	Vineland,	Certificate, State Sup. Public Instruction, '04	University of Naples, Italy, '03.
Clay, Thomas Arthur,	Paterson,	Paterson High School, '08,	Columbia University, Medical Department, '03.
Clevenger, Shobal Vail,	Atlantic City,	Certificate, State Sup. Public Instruction, '04,	Chicago Medical College, '79.
Clute, Russell,	Jersey City,	Certificate, New York Regents, '98,	Albany Medical College, '03.
Coll, James Patrick,	Philadelphia, Pa.,	Certificate, State Sup. Public Instruction, '04,	Jefferson Medical College, '04.
Collier, William Shreve,	Trenton,	Peddie Institute, '98,	University of Penna., Medical Department, '02.
Connor, Henry Rock, <i>A.B.</i> ,	Newark,	St. Joseph's College, Canada, '79,	Bellevue Hospital Medical College, '94.
Constantinides, Chas. Lawrence,	Newark,	Certificate, State Sup. Public Instruction, '04,	University of Toronto, Medical Department, '03.
Cook, Frank Bacon,	Port Norris,	N. J. State Model School, '99-'00,	Baltimore Medical College, '04.

Appendix C—Continued.

NAME.	RESIDENCE.	PRELIMINARY EDUCATION.	MEDICAL INSTITUTIONS.
Craig, Henry Augustus, Crowe, Frank Beresford, <i>A.B.</i> , Cunningham, William Higgs, Curley, Walter James, <i>A.B.</i> , Datesman, Clarence Wilson, Deckard, Percy Edward, DeHart, Clara Madana, Denton, Peter Price, Dias, Joseph Lawrence, Dieffenbach, Richard Hagen, Donovan, William Francis, <i>A.M.</i> , Doyle, Lawrence Daniel, Duncan, Owsley Bennett, Ellis, Alfred Lauder, <i>B.S.</i> , Ely, Lancelot, Ferrier, James, Fitpatrick, Edward Francis, Foster, Wilbur Allen, Frank, Abraham, Franklin, Louis, Garside, Charles Zeh, Garton, Albert Ferdinand, Gesswein, Carl Albert, Gray, Charles Mickel, Greenberg, Samuel, Griscom, Isaac Norwood, Gross, Herman, Guthrie, William Francis, <i>B.S.</i> , Guthrie, Kenneth Sylvan, <i>A.M.</i> , Hailperin, Clement Jacob,	New Germantown, Hoboken, Hammonton, Newark, Passaic, Richfield, Pa., Jersey City, Paterson, Newark, Newark, Brielle, Bound Brook, Paterson, Metuchen, Dover, Asbury Park, Newark, Wilkes-Barre, Alliance, Jersey City, Newark, Philadelphia, Pa., Plainfield, Vineland, Newark, Ocean City, Metuchen, Paterson, Philadelphia, Pa., Newark,	Certificate, New York Regents, '98, Holy Cross College, Massachusetts, '92, Certificate, State Sup. Public Instruction, '04, Holy Cross College, Massachusetts, '98, Passaic High School, '97, Certificate, State Sup. Public Instruction, '04, Jersey City High School, '99, Certificate, State Sup. Public Instruction, '04, New Bedford High School, Mass., '99, Newark High School, '00, Manhattan College, '90, Seton Hall College, New Jersey, '96-'99, Certificate, New York Regents, '00, Trinity College, Connecticut, '98, Certificate, State Sup. Public Instruction, '04, Certificate, State Sup. Public Instruction, '04, Certificate, State Sup. Public Instruction, '04, Gymnasium, Czernowitz, Austria, '96, Certificate, New York Regents, '98, Certificate, New York Regents, '99, Philadelphia Central High School, '97-'98, Certificate, State Sup. Public Instruction, '04, South Jersey Institute, '99, Certificate, New York Regents, '01, Atlantic City High School, '00, College City of New York, '96-'99, New York University, '00, Harvard University, '94, Newark High School, '00,	Columbia University, Medical Department, '04, Jefferson Medical College, '03, Medico-Chirurgical College, Philadelphia, '04, Jefferson Medical College, '02, New York Homeopathic Medical College and Hospital, '03, Medico-Chirurgical College, Philadelphia, '04, Woman's Medical College of the New York Infirmary, '94, Medico-Chirurgical College, Philadelphia, '04, Columbia University, Medical Department, '03, Columbia University, Medical Department, '04, Columbia University, Medical Department, '90, Long Island College Hospital, '04, Columbia University, Medical Department, '04, Long Island College Hospital, '02, College of Physicians and Surgeons, Baltimore, '04, Trinity Medical College, Canada, '81, Baltimore Medical College, '03, Jefferson Medical College, '03, University of Berlin, Germany, '01, Columbia University, Medical Department, '03, Columbia University, Medical Department, '03, Medico-Chirurgical College, Philadelphia, '04, University of Illinois, Medical Department, '04, College of Physicians and Surgeons, Chicago, '04, The University and Bellevue Hospital Medical College, '04, Hahnemann Medical College and Hospital, Philadelphia, '04, Columbia University, Medical Department, '03, Columbia University, Medical Department, '04, Medico-Chirurgical College, Philadelphia, '04, The University and Bellevue Hospital Medical College, '04.

Appendix C—Continued.

NAME.	RESIDENCE.	PRELIMINARY EDUCATION.	MEDICAL INSTITUTIONS.
Hansen, Anthony Hans, <i>A.B.</i> ,	Union Hill,	Cornell University,	Cornell University, Medical College, '03.
Hardenberg, Daniel Saver, Jr.,	Jersey City,	Hasbrouck Institute, '98,	Columbia University, Medical Department, '04.
Hartman, Harvey Whesley,	Eton,	Freehold High School, '99,	College of Physicians and Surgeons, Baltimore, '04.
Haussing, Francis Reynolds, <i>B.S.</i> ,	East Orange,	Princeton University, '97,	Columbia University, Medical Department, '01.
Havens, Walter F.,	Bradley Beach,	Neptune Township High School, '99,	Baltimore Medical College, '04.
Haverstick, Ida Louise,	Philadelphia, Pa.,	Certificate, State Sup. Public Instruction, '04,	Woman's Medical College of Pennsylvania, '01.
Hazen, Roland,	Alenhurst,	University of Cincinnati, '95-'96,	Woman's Medical College of Pennsylvania, '01.
Heath, Louanna,	Somerville,	Temple College, Prep. Department, '99,	Woman's Medical College of Pennsylvania, '01.
Helstern, Ephraim Charles,	Town of Union,	Town of Union High School, '94,	Baltimore Medical College, '04.
Hood, Philip Garfield,	Newark,	Newark High School, '00,	Columbia University, Medical Department, '04.
Husserl, Siegfried,	Newark,	Gymnasium, Olmutz, Austria, '90,	University of Vienna, Austria, '00.
Johnson, Peter Joseph, <i>Ph.G.</i> ,	West Hoboken,	Galewood Academy, Virginia, '93,	College of Physicians and Surgeons, Baltimore, '03.
Kaufman, Alexander Spencer,	Philadelphia, Pa.,	Certificate, State Sup. Public Instruction, '04,	Jefferson Medical College, '04.
Kerns, Francis John,	Newark,	Certificate, State Sup. Public Instruction, '04,	Georgetown University, School of Medicine, '03.
Klein, Maurice,	Newark,	Certificate, State Sup. Public Instruction, '04,	Baltimore Medical College, '04.
Knox, Charles Albert,	Newton,	Princeton University, '99-'00,	Long Island College Hospital, '04.
Kuehne, Richard, Jr.,	Jersey City,	Jersey City High School, '00,	The University and Bellevue Hospital Medical College, '04.
Lamb, William Paul,	Summit,	Summit High School, '98,	Hahnemann Medical College and Hospital, Philadelphia, '04.
Lambert, Chauncey Benjamin,	Riverside,	Certificate, State Sup. Public Instruction, '04,	The University and Bellevue Hospital Medical College, '04.
Larkey, Charles Jacob,	Newark,	Certificate, New York Regents, '00,	New York Homeopathic Medical College and Hospital, '01.
Leão, Francisco G. P.,	Hoboken,	Certificate, State Sup. Public Instruction, '04,	Columbia University, Medical Department, '04.
Levine, Israel,	North Paterson,	Central Institute, Illinois, '97-'99,	Columbia University, Medical Department, '04.
Levy, Julius,	Newark,	Newark High School, '89,	Columbia University, Medical Department, '02.
Lowrey, James Henry,	Newark,	Newark High School, '98,	College of Physicians and Surgeons, Baltimore, '03.
Magner, John Joseph,	New York City,	St. Peter's College, New Jersey, '91-'92,	University of Siena, Italy, '03.
Matinetti, Carlo,	Orange,	Dante Liceo, Florence, Italy, '97,	University of Penna., Medical Department, '03.
McClary, Samuel, 3d, <i>B.S.</i> ,	Philadelphia, Pa.,	Cornell University, '00,	Bellevue Hospital Medical College, '97.
Molina, Antonio H. de St. R., <i>Ph.G.</i> ,	East Orange,	Certificate, State Sup. Public Instruction, '04,	Columbia University, Medical Department, '03.
Nash William Gibbs, <i>A.B.</i> ,	Newark,	Harvard University, '97,	Jefferson Medical College, '04.
North, Harry Ross,	Trenton,	Atlantic City High School, '95,	

Appendix C—Continued.

NAME.	RESIDENCE.	PRELIMINARY EDUCATION.	MEDICAL INSTITUTIONS.
O'Brien, Henry Zebulon, <i>A.B.</i> Owens, Clara Jewelllyn,	Clarksboro, Port Norris,	Princeton University, '99, St. John's College, Maryland, '98-'00,	University of Penna., Medical Department, '03. University of Maryland, School of Medicine, '04.
Partree, Homer Tomlinson, <i>A.B.</i> Parterson, Louise,	Fatontown, Vineland,	Yale University, '87, Strathray Collegiate Ins., Canada, '87-'89,	Yale University, Medical Department, '02. American Medical Missionary College, Ill., '09.
Paul, Frederick Marshall, <i>A.B.</i> Payne, Joseph,	Newark, Midland Park,	Princeton University, '06, Mt. Hermon School, Massachusetts, '00,	University of Penna., Medical Department, '00. Baltimore Medical College, '04.
Peterson, Henry Morton,	Roselle,	Certificate, State Sup. Public Instruction, '04,	Columbia University, Medical Department, '03.
Piper, Charles Blaine, <i>B.S.</i> ,	East Orange,	Dickinson Seminary, Pennsylvania, '97,	Syracuse University, Medical Department, '01.
Pope, Edward Sutphen,	East Orange,	Certificate, New York Regents, '99,	New York Homeopathic Medical College and Hospital, '03.
Quinn, William Vincent, <i>A.B.</i> ,	Newark,	Manhattan College, '97,	The University and Bellevue Hospital Medical College, '01.
Rea, John Gordon,	Paterson,	Certificate, State Sup. Public Instruction, '04,	Baltimore Medical College, '04.
Reissman, Erwin,	New York City,	Certificate, State Sup. Public Instruction, '04,	Baltimore University, School of Medicine, '04.
Riddle, Henry Stanley,	Manasquan,	Certificate, State Sup. Public Instruction, '04,	Medico-Chirurgical College, Philadelphia, '04.
Ridgway, William Frederick, <i>Ph.G.</i> ,	Atlantic City,	Certificate, State Sup. Public Instruction, '04,	Jefferson Medical College, '04.
Riggins, Edwin Nicholas, <i>A.B.</i> ,	East Orange,	Williams College, '07,	Johns Hopkins University, '02.
Riggs, Joseph Potter,	Milton,	Certificate, State Sup. Public Instruction, '04,	University of Maryland, School of Medicine, '03.
Robinson, George Willis,	Hackensack,	Washington and Lee University, '77-'82,	University of Penna., Medical Department, '95.
Ruch, Valentine, Jr.,	Englewood,	Englewood High School, '03,	Cornell University, Medical College, '03.
Rufe, John Johnson,	Rever, Pa.,	Certificate, State Sup. Public Instruction, '04,	Jefferson Medical College, '02.
Saniter, Ernest Herman,	Jersey City,	Caldwell High School, '00,	Long Island College Hospital, '04.
Satchwell, Harry Herbert,	Newark,	Newark High School, '00,	The University and Bellevue Hospital Medical College, '04.
Sewall, Millard Freeman, <i>A.B.</i> ,	York Village, Me.,	Dartmouth College, '99,	Jefferson Medical College, '03.
Smith, Houghton Currier,	Waterbury, Vt.,	Dow Academy, New Hampshire, '99,	Baltimore Medical College, '03.
Smith, Robert Mills,	Camden,	Wheaton College, '96-'99,	Chicago Homeopathic Medical College and Hospital, '04.
Smith, Walter Horsman,	Hadsonfield,	Certificate, State Sup. Public Instruction, '04,	University of Penna., Medical Department, '02.
Sparks, Lester Hevlyn,	Long Branch,	Certificate, State Sup. Public Instruction, '04,	Hahnemann Medical College and Hospital, Philadelphia, '04.
Stein, Newton Henry, <i>M.E.</i> ,	Tamqua, Pa.,	Keystone State Normal, Pennsylvania, '00,	Medico-Chirurgical College, Philadelphia, '04.
Stiles, James Walter, Jr.,	East Orange,	Certificate, New York Regents, '99,	The University and Bellevue Hospital Medical College, '02.
Sturtevant, Louise Martha, <i>A.B.</i> ,	Atlantic City,	Wellesley College, '99,	Boston University, School of Medicine, '03.
Swiney, Merrill Alpheus,	Bayonne,	Holyoke High School, Massachusetts, '90,	University of Penna., Medical Department, '03.

Appendix C—Continued.

NAME.	RESIDENCE.	PRELIMINARY EDUCATION.	MEDICAL INSTITUTIONS.
Taylor, Walter Albert,	Trenton,	Trenton High School, '99,	Jefferson Medical College, '04.
Thayer, Henry Woodbridge, <i>A.B.</i> ,	Netcong,	University of Wooster, '79,	Rush Medical College, '86.
Thompson, Percy Beecher,	Montclair,	Certificate, New York Regents, '04,	The University and Bellevue Hospital Medical College, '00.
Van Alstyne, William Becker,	Plainfield,	Stillman High School, '97,	Columbia University, Medical Department, '02.
Van Dyke, Benjamin Smith,	Newark,	West Jersey Academy, '97,	Columbia University, Medical Department, '03.
Viola, Emanuel,	New York City,	Certificate, State Sup. Public Instruction, '04,	University of Palermo, Italy, '01.
Wagner, Otto,	Elizabeth,	Certificate, New York Regents, '00,	Cornell University, Medical College, '03.
Wainwright, John M. B.,	Brielle,	Manasquan High School, '00,	Columbia University, Medical Department, '04.
Ward, Albert Hamilton,	Paterson,	Paterson High School, '99,	Columbia University, Medical Department, '04.
Ward, Wilbur, <i>A.B.</i> ,	Bloomfield,	Williams College, '00,	Columbia University, Medical Department, '04.
Warneke, Frank Hermann,	Westfield,	Westfield High School, '00,	The University and Bellevue Hospital Medical College, '04.
Warner, William H. A.,	East Orange,	Newark High School, '98,	Cornell University, Medical College, '02.
Waterman, William Whitney,	New York City,	Michigan Military Academy, '89-'94,	Columbia University, Medical Department, '04.
Weiss, Lazar, <i>B.S.</i> ,	Newark,	Certificate, State Sup. Public Instruction, '04,	University of Bucharest, Roumania, '99.
Wells, William Henry, <i>C.E.</i> ,	Jersey City,	Princeton University, '95,	Columbia University, Medical Department, '02.
Wetmore, Stephen S. P.,	Trenton,	Certificate, State Sup. Public Instruction, '04,	Hahnemann Medical College and Hospital, Philadelphia, '04.
Widmer, Henry Rudolph,	Newark,	Westerleigh Collegiate Ins., N. Y., '99,	Columbia University, Medical Department, '03.
Willis, Herbert, <i>A.B.</i> ,	Beach Haven,	Philadelphia Central High School, '00,	Jefferson Medical College, '04.
Wise, Lester Drummond,	Long Branch,	New York Military Academy, '97,	Columbia University, Medical Department, '04.
Woolf, Bernhard Henry,	New York City,	Certificate, New York Regents, '03,	College of Physicians and Surgeons, Boston, '04.
Wort, Fred. James, Jr.,	Newark,	Newark High School, '99,	University of Penna., Medical Department, '03.
Young, Warren Hastings, <i>A.B.</i> ,	Montclair,	New York University, '01,	The University and Bellevue Hospital Medical College, '03.
Youngman, Thomas,	Atlantic City,	West Jersey Academy, '99,	Hahnemann Medical College and Hospital, Philadelphia, '04.

APPENDIX D.

Academic Authorities and Institutions Represented by the Licentiates of the State Board of Medical Examiners of New Jersey, for the Year 1904.

Certificate, State Superintendent of Public Instruction,	38
Certificate, New York Regents,	15
Atlantic City High School,	2
Caldwell High School,	1
Central Institute, Illinois,	1
College of the City of New York,	1
Columbia University,	1
Cornell University,	2
Centenary Collegiate Institute,	1
Dante Liceo, Florence, Italy,	1
Dartmouth College,	1
Dickinson Seminary, Pennsylvania,	1
Dow Academy, New Hampshire,	1
Englewood High School,	1
Freehold High School,	1
Friends' Central High School, Philadelphia,	1
Galewood Academy, Virginia,	1
Gymnasium, Czernowitz, Austria,	1
Gymnasium, Olmutz, Austria,	1
Gymnasium, Kosno, Russia,	1
Hasbrouck Institute,	1
Harvard University,	2
Holy Cross College, Massachusetts,	2
Holyoke High School, Massachusetts,	1
Howard University (Preparatory Department),	1
Jersey City High School,	2
Keystone State Normal School, Pennsylvania,	1
Lafayette College,	1
Liceo, Palermo, Italy,	1
Manasquan High School,	1
Manhattan College,	2
Michigan Military Academy,	1
Mount Hermon School, Massachusetts,	1
Neptune Township High School,	1
Newark High School,	8

New Bedford High School, Massachusetts,	I
New Jersey State Model School,	I
New York Military Academy,	I
New York University,	2
Northfield Seminary, Massachusetts,	I
Northwestern University,	I
Passaic High School,	I
Paterson High School,	2
Peddie Institute,	I
Peekskill Military Academy, New York,	I
Philadelphia Central High School,	2
Princeton University,	6
Seton Hall College, New Jersey,	I
South Jersey Institute,	I
Stillman High School (Plainfield),	I
St. John's College, Maryland,	I
St. Joseph's College, Canada,	I
St. Peter's College, New Jersey,	I
Strathray Collegiate Institute, Canada,	I
Summit High School,	I
Temple College (Preparatory Department),	I
Town of Union High School,	I
Trenton High School,	I
Trinity College, Connecticut,	I
University of Cincinnati,	I
University of Wooster,	I
Washington and Lee University,	I
Wellesley College,	I
Westerleigh Collegiate Institute, New York,	I
Westfield High School,	I
West Jersey Academy,	2
Wheaton College,	I
Williams College,	3
Yale University,	I

APPENDIX E.

Medical Institutions Represented by Licentiates of the State Board of Medical Examiners of New Jersey, for the Year 1904.

Albany Medical College,	2
American Medical Missionary College,	1
Baltimore Medical College,	11
Baltimore University, School of Medicine,	3
Baylor University, Medical Department,	1
Bellevue Hospital Medical College,	2
Boston University, School of Medicine,	1
Chicago Homœopathic Medical College,	1
College of Physicians and Surgeons, Baltimore,	5
College of Physicians and Surgeons, Boston,	1
Columbia University, Medical Department,	29
Cornell University Medical College,	5
Georgetown University, Medical Department,	1
Hahnemann Medical College and Hospital, Philadelphia,	7
Howard University, Medical Department,	1
Jefferson Medical College,	13
Johns Hopkins University,	1
Long Island College Hospital,	7
Medico-Chirurgical College, Philadelphia,	8
New York Homœopathic Medical College and Hospital,	3
New York Medical College and Hospital for Women,	1
Northwestern University, Medical Department,	1
Rush Medical College,	1
The University and Bellevue Hospital Medical College,	11
Trinity Medical College, Toronto, Canada,	1
University of Berlin, Germany,	1
University of Bucharest, Roumania,	1
University of Illinois (College Physicians and Surgeons, Chicago),	2
University of Maryland,	2
University of Naples, Italy,	1
University of Palermo, Italy,	2
University of Pennsylvania, Medical Department,	9
University of Siena, Italy,	1
University of Syracuse, College of Medicine,	1
University of Toronto, Medical Department,	1
University of Vienna, Austria,	1
Woman's Medical College of the New York Infirmary (Cornell),	1
Woman's Medical College of Pennsylvania,	2
Yale University, Medical Department,	1

APPENDIX F.

Synopsis of the Requirements for Examination for License to Practice Midwifery in the State of New Jersey and the Penalties Imposed for Unlawful Practice.

All persons beginning the practice of midwifery in New Jersey must apply to the State Board of Medical Examiners for examination and license, as provided in the Act to Regulate the Practice of Midwifery in the State of New Jersey, approved March 28th, 1892.

Permission to practice midwifery pending examination and license cannot be granted.

I. Requirements for Examination.

1. Midwives must have studied midwifery for at least one school year, including eight months of lectures, and must be graduates of a legally incorporated school of midwifery before they can be admitted to the examinations.

2. Candidates for examination and license should apply to the Secretary of this Board for a blank form of application, which must be filled out with name, age, nativity, residence, period of study and of practice in midwifery; must be endorsed by a registered physician of New Jersey; bear the seal of the institution from which the applicant was graduated, and be returned to the Secretary for approval and filing, with the regular fee of five dollars, at least ten days before the examination. If approved, the candidate will be notified of the time and place of the examination.

Graduates of foreign schools must present, with the application blank, a certified translation of their diploma, made by and under the seal of the consul of the country in which it was issued, to attach to and file with the application.

Application for blanks for the June examination should be made in May, and for the October examination in September.

II. Place and Date of Examination.

Examinations in midwifery will be held in the Capitol Building, Trenton, New Jersey, on the third Tuesday of June and October at 11 o'clock a. m., and will be conducted in English and German. If in any other language, an interpreter will be provided by the Board at the expense of the candidate, but not to exceed \$5.00.

III. Subjects of Examination.

The examinations will be held in the following subjects:

- (1) Anatomy of the female pelvis and pelvic organs.
- (2) Menstruation.
- (3) Pregnancy.
- (4) Mechanism of a normal labor.
- (5) Management of a normal labor.
- (6) Sepsis and antisepsis, in relation to labor.
- (7) Hygiene of the mother and infant.
- (8) Special care of the lying-in room.
- (9) Abnormal labor requiring the attendance of a physician.

IV. State Midwifery License.

1. Following the examinations, all application papers are duly filed, and their contents recorded in the Official Register of the Board.

2. A State certificate of license with a certified copy, under the seal of the Board, will be granted to candidates who successfully pass the examination, entitling them to practice midwifery in New Jersey. The certified copy must be filed with the clerk of the county in which the midwife intends to practice. The fee will be returned to those who fail to pass the examination.

3. The Board may refuse license to midwives guilty of unprofessional or dishonorable conduct, and may revoke licenses for like cause. The neglect, violation or failure to comply with the subjoined conditions, substantiated by proper evidence, will be sufficient cause for trial for revocation of a license. In a trial for revocation of license, the licentiate will be furnished with a copy of the complaint, and may be represented at the hearing by an attorney.

V. Conditions Under which Midwifery Licenses are Granted.

A printed copy of the following conditions under which a midwifery license is granted will be forwarded to each licentiate:

"First Condition: That you shall file this license, or a true copy thereof, in the office of the clerk of the county wherein you reside.

"Second Condition: That you shall report to the proper health officers every case of child-birth attended by you within thirty days thereafter.

"Third Condition: That you shall, previous to and immediately after every examination or contact with a case of pregnancy, thoroughly wash and cleanse the hands, particularly the finger-nails, with soap and hot water, and that you shall always keep both the mother and infant perfectly clean and free from all contaminating discharges, and that you shall always be temperate and sober while attending women in child-birth.

"Fourth Condition: That you shall secure the attendance of a reputable physician at once in every case where any one of the following conditions exists in the lying-in woman, viz.: Premature birth or miscarriage. 2. Convulsions. 3. Placenta prævia, or hemorrhage before delivery. 4. Prolapse of

the cord. 5. Presentation of either the breech, face, hand, shoulder, foot or knee, or the 'crossed' or traverse presentation. 6. Post-partem hemorrhage or hemorrhage after delivery. 7. Retained placenta ('afterbirth') or any portion thereof. 8. Fever, inflammation or soreness of the nipples or breasts, 'milk' leg, or any other abnormal condition.

"Fifth Condition: That you shall secure the attendance of a reputable physician at once whenever the new-born infant is asphyxiated, blue or does not breathe, or has convulsions, deformity or malformation, retention of urine or feces, bleeding, redness or inflammation of the naval, or any swelling, redness or inflammation of, or discharge from, the eyelids or eyes, or any other abnormal condition.

"Sixth Condition: That you shall always secure the immediate services of a reputable physician whenever any abnormal, irregular or unhealthy signs or symptoms appear in either the mother or infant.

"Seventh Condition: That you shall not prescribe, advise or give any drug or medicine or other agency, excepting some preparation of ergot, which, however, must never be given before the birth of the head of the infant, or a cathartic on the second or third day after delivery, to a lying-in woman or to the infant, or to any other person or persons, under penalty of not only losing this license, but also of prosecution under the midwifery law of 1892, as well as under the medical law of 1894, and amendments of 1903."

VI. What Constitutes Practice of Midwifery in New Jersey.

Any person shall be regarded as practicing midwifery who shall publicly profess, by advertisement, sign, card or otherwise, to be a midwife, or who shall, for a fee, attend to women in child-birth, but nothing shall be construed to prohibit gratuitous services in case of emergency, nor the services of legally qualified physicians or surgeons of this State.

VII. Penalty for Unlawful Practice.

Any person practicing midwifery in this State without first complying with the provisions of the act approved March 28th, 1892, is guilty of a misdemeanor, punishable by a fine of not less than ten dollars nor more than fifty dollars, or by imprisonment in the county jail for not less than ten nor more than thirty days, or both, at the discretion of the Court.

Complaints of unlawful practice should be filed with the Prosecutor of the Pleas of the county in which the act occurs, either directly or through this Board.

VIII. Midwifery Licentiates for 1904.

<i>Name.</i>	<i>Residence.</i>	<i>School of Midwifery.</i>
Bergmann, Margretta,	Newark,	Columbia School of Midwifery, New York.
Bizub, Annie,	Passaic,	Columbia School of Midwifery, New York.

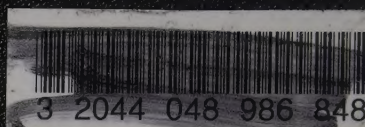
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<i>Name.</i>	<i>Residence.</i>	<i>School of Midwifery.</i>
Boldt, Augusta,	Hoboken,	Woman's Infirmary and Maternity Home, New York.
Cameron, Annie M. J.,	Newark,	Woman's Infirmary and Maternity Home, New York.
Derowska, Stanislaw,	Bayonne,	Columbia School of Midwifery, New York.
DiPaola, Anna,	Camden,	University of Naples, Italy.
Eisfeld Emilie,	Harrison,	Columbia School of Midwifery, New York.
Fracella, Carmela,	Trenton,	Lapenta's Italian School of Midwifery, New York.
Gill, Anna M.,	Newark,	Woman's Infirmary and Maternity Home, New York.
Gustafson, Emily,	Guttenberg,	Woman's Infirmary and Maternity Home, New York.
Hartmann, Martha,	Newark,	Columbia School of Midwifery, New York.
Heteine, Szel Erzsebet,	Woodbridge,	Royal Hungarian Academy of Science, Budapest.
Lankford, Margaret,	Newark,	Woman's Infirmary and Maternity Home, New York.
Liptak, Franciska,	Passaic,	Columbia School of Midwifery, New York.
Liska, Filomena,	Elizabeth,	Hungarian Midwifery Institute, Hermanstadt.
Meinhardt, Rosie,	Newark,	Columbia School of Midwifery, New York.
McFarland, Charlotte,	Jersey City,	Columbia School of Midwifery, New York.
Mile, Anna,	Trenton,	Hungarian University, Budapest.
Pac, Marianna,	Camden,	Columbia School of Midwifery, New York.
Persson, Anna Frederikke,	Bayonne,	Woman's Infirmary and Maternity Home, New York.
Pinnell, Jessie Elizabeth,	Ocean Grove,	Woman's Infirmary and Maternity Home, New York.
Pisani, Restituta,	Hackensack,	University of Naples, Italy.
Robinovitch, Mary,	Jersey City,	Columbia School of Midwifery, New York.
Rohel, Lizzie,	Guttenberg,	Columbia School of Midwifery, New York.
Stankovic, Mary A.,	Passaic,	Woman's Infirmary and Maternity Home, New York.
Szeplaki, Zuzanna,	Woodbridge,	Hungarian School of Midwifery, Ungvar.
Tretola, Maria Grazia,	Newark,	University of Naples, Italy.



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